



OF NEW MEXICO

P. O. BOX 1499

PHONE (505) 393-7751

HOBBS, NEW MEXICO 88240

RECEIVED

JUN 21 1976

No. 5060
Run No.
Date of Run 6-11-76
Date Secured 6-09-76

CERTIFICATE OF ANALYSIS

O. C. C.
ARTESIA, OFFICE

A Sample of Yates Petroleum Company - CC Tank Unit Fed. #1
Secured from Jarrel Services Inc.
At Box 1654 Secured by
Hobbs, New Mexico 88240 Time Date
Sampling conditions Press
Temp.

FRACTIONAL ANALYSIS

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	.253		
Air			
Nitrogen	.390		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	95.955		
Ethane	2.486		.663
Propane	.541		.149
Butanes			
Iso-Butane	.104		.034
N-Butane	.093		.029
Pentanes			
Iso-Pentane	.051		.019
N-Pentane	.028		.010
Hexanes	.030		.012
Heptanes	.069		.029
TOTAL	100.000		0.945

Calc. Sp. Gr. 0.5823
Calc. A.P.I.
Calc. Vapor Press. PSIA
Sp. Gr.
Mol. Wt. 16.87

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .149
Butanes Calc. G.P.M. .063
Pentanes Plus. G.P.M. .070
Ethane Calc. G.P.M. .663
RVP Gasoline G.P.M.

B.T.U./Cu. Ft. @ 14.696 P.S.I.A.
Dry Basis 1041
Wet Basis 1023

Sulfur Analysis by Titration
Gr./100 Cu. Ft.
Hydrogen Sulfide
Mercaptans
Sulfides
Residual Sulfur
Total Sulfur

Run by Sylvia Bryant Checked by Approved by Sylvia Bryant

Additional Data and Remarks